

# Converting Colors

Hex(784307)

Have a look what the booklet for  
Hex(784307) contains.

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**Color**

**Hex(784307)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	784307
RGB	120, 67, 7
RGB Percent	47%, 26%, 3%
CMY	0.5294, 0.7373, 0.9725
CMYK	0.00, 0.44, 0.94, 0.53
HSL	32°, 89%, 25%
HSV	32°, 94%, 47%
XYZ	9.7912, 8.0227, 1.2335
YIQ	76.0070, 50.8480, -7.4240

# Conversions

## Conversions Part 2

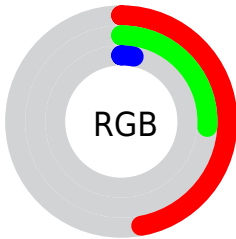
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 120, 7
Decimal	7881479
CIE <sub>Lab</sub>	34.03, 18.74, 41.34
CIE <sub>LCh</sub>	34, 45.390, 65.613
Yxy	8.0227, 0.5140, 0.4212
Android (android.graphics.Color)	4286071559 (0xFF784307)
YUV	76.0070, -34.0205, 38.5819
Hunter-Lab	28.3244, 12.1365, 17.2451

# Details

The Hex color **784307** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **073C78**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B17339**, and **411700** is the 20% darker color. If you saturate the color by 10%, you get **784000**, and if you desaturate by 10%, it is **784913**.

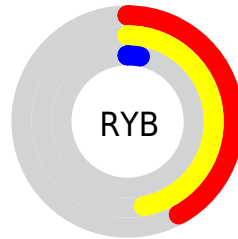
# Distribution



Red (47%)

Green (26%)

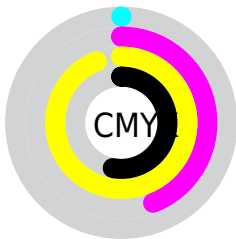
Blue (3%)



Red (42%)

Yellow (47%)

Blue (3%)

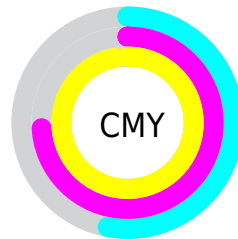


Cyan (0%)

Magenta (44%)

Yellow (94%)

Black (53%)



Cyan (53%)

Magenta (74%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 784307 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 784307 by changing the saturation by 10% instead.



 784307

 784307

 FFFFF3

 5D2C00

 B17339

 411700

 CE8D51

 290000

 ECA86B

 000000

 FFC384

 FFDF9F

 FFFBBA

 FFFF66

 784307

 784307

■ 784000

■ 784913

■ 784E1F

■ 78542B

■ 785A37

■ 785F43

■ 78654F

■ 786A5B

■ 787067

■ 787673

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8B3328



784307



5B5100

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



784307



006056



59438B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



784307



073C78

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005298



784307



006079

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



784307



005F31



005C92



80326E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



784307



435701



005C92



444991



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



784307



9C8770



78073E



4F4234



CFCFCF



4F4F4F



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



784307



9C5300



767807



3D3A37



7D4200



FC8600



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



073C78



00499C



090778



373A3D



003B7D

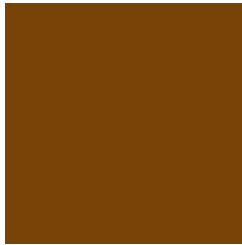


0076FC



# Previews

## White Background



This preview shows how the Hex color 784307 looks on a white background.

## Color Contrast Check

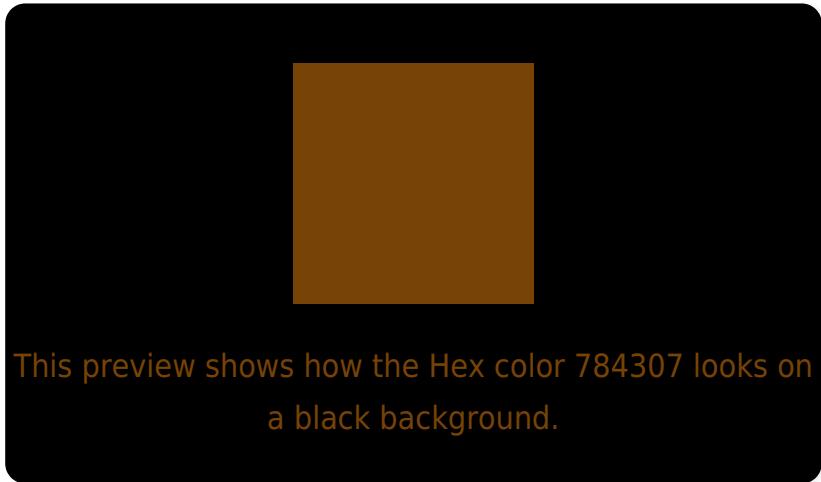
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

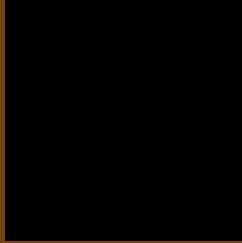
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 784307 Background



This preview shows how black text looks on a background with the Hex color 784307.



This preview shows how white text looks on a background with the Hex color 784307.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

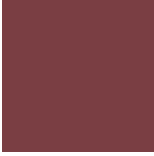
## Dichromacy



**Original Color**  
784307

**Protanopia**  
5B510C

**Deuteranopia**  
664D00



**Tritanopia**  
7A3E43

# Trichromacy



**Original Color**  
784307

**Protanomaly**  
664C0A

**Deuteranomaly**  
6D4903

**Tritanomaly**  
79402D

# Monochromacy



**Original Color**  
784307

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5C4933

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 784307 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #784307 looks like.

```
.text, #text, p{  
    color:#784307  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #784307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #784307
}
```

## Border

The CSS property to change the border of an element to Hex 784307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

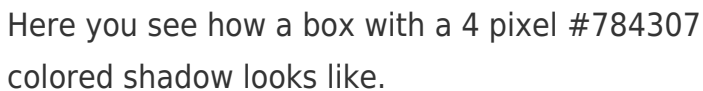
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#784307 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#784307 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #784307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #784307; -webkit-box-shadow:4px 4px  
4px 4px #784307; box-shadow:4px 4px 4px  
4px #784307 }
```

# Background

The CSS property to change the background color of an element to Hex 784307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#784307 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#784307 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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